

CAPS Survey Report

Year:	2012
State:	Kansas
Cooperative Agreement Name:	Purple Loosestrife (<i>Lythrum salicaria</i>) Biological Control using <i>Galerucella pusilla</i>
Cooperative Agreement Number:	12-8420-1227-CA
Project Funding Period:	January 1, 2012 – December 31, 2012
Project Report:	CAPS Survey Report
Project Document Date:	January 1, 2012 – December 31, 2012
Cooperators Project Coordinator:	Laurinda Ramonda
Name:	Plant Protection and Weed Control
Agency:	Kansas Department of Agriculture
Address:	PO Box 19282, Forbes Field, Bldg. 282
City/ Address/ Zip:	Topeka, Kansas 66619
Telephone:	785-862-2180
E-mail:	laurinda.ramonda@kda.ks.gov

Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.*

Participants:

- Scott Marsh, state weed specialist – biological control release and monitoring.
- Jeff Vogel, SPRO - biological control release.

- May 15, 2012 - Cooperative agreements were signed.
- June 28, 2012 – Scott Marsh surveyed potential release site at Troy in Doniphan County to determine size and extent of purple loosestrife infestation.
- June 29, 2012 – Scott Marsh surveyed Mound City and spoke with County Weed Director and determined there was not a purple loosestrife infestation.
- July 2, 2012 – Scott Marsh surveyed old nursery site in Johnson County to determine size and extent of purple loosestrife infestation.
- July 16, 2012 – 400 loosestrife root weevil (*Hylobius transversovittatus*) received from Nez Perce Bio-control Center in Idaho.
- July 17, 2012 – 200 loosestrife root weevils were released in Doniphan and Johnson counties by Jeff Vogel.
- August 23, 2012 – Scott Marsh checked release location at Johnson County. A large area around release site had been mowed and did not location any weevils.
- September 21, 2012 – Scott Marsh checked release location at Doniphan County.

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Biological Control Agents	Cost Per Unit
Proposed = \$4,367	Proposed =\$1,486	Proposed = 4,000	Proposed= \$1.46
Actual = \$4,367	Actual = \$1,486	Actual = 400	Actual = \$14.63

1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
Pest:	Loosestrife Defoliating Beetle	<i>Galerucella pusilla</i>

	Proposed	Actual
Sites (Locations):	2	2
Biological Control Agents:	Loosestrife Defoliating Beetle (<i>Galerucella pusilla</i>)	Loosestrife Root Weevil (<i>Hylobius transversovittatus</i>)

	Proposed	Actual
Number of Counties:	2	2
Counties:	Doniphan and Linn	Doniphan and Johnson

2. Survey dates:

	Proposed	Actual
Biological Control Release Dates:	May	July

3. Benefits and results of survey:

	Positive	Negative	Total Number
Biological Control Release	400	0	400 - Loosestrife Root Weevil (<i>Hylobius transversovittatus</i>)

4. Database submissions:

Records Submitted to NAPIS

Pest: LOOSESTRIFE ROOT WEEVIL

County	Positive	Negative
Doniphan	1	0
Johnson	1	0
State Total	2	0

B. If appropriate, explain why objectives were not met.*

- Biological control insects were not able to be shipped in May.
- Mound City Lake in Linn County did not have purple loosestrife so an alternative site at a nursery in Olathe in Johnson County was chosen.
- The loosestrife defoliating beetle (*Galerucella pusilla*) was not available so loosestrife root weevil (*Hylobius transversovittatus*) was released instead.
- Part of the release site in Johnson county had been mowed.

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.

*

**indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

Approved and signed by

Cooperator

Date: _____

ADODR

Date: _____